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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53 (b))

Attorney Docket No. **84894**  
First Inventor **MARVIN L. RYKEN**  
Title **REDUCED SIZE GPS MICROSTRIP ANTENNA**  
Express Mail Label No.

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification (Total Pages) **23**  
(preferred arrangement set forth below)  
-Descriptive title of the invention  
-Cross References to Related Applications  
-Statement Regarding Fed sponsored R & D  
-Reference to sequence listing, a table,  
or a computer program listing appendix  
-Background of the Invention  
-Brief Summary of the Invention  
-Brief Description of the Drawings (if filed)  
-Detailed Description  
-Claim(s)  
-Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) (Total Sheets) **4**
5. ☒ Oath or Declaration (Total Pages) **2**  
a. ☒ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation / divisional with Box 18 completed)  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 C.F.R.  
1.63 (d) (2) and 1.33 (b)
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CF-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable From (CRF)  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper  
c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☐ Other: .....

18. If a CONTINUING APPLICATION check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: ..... / .....

Prior application information: Examiner ..... Group/Art Unit .....

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior art application, from which an oath or declaration is supplied under  
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

☒ Customer Number or Bar Code Label (Insert Customer Number or Bar Code Label here) or ☐ Correspondence address below

Name

**24129**

PATENT TRADEMARK OFFICE

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type) **DAVID S. KALMBAUGH**

Registration No. (Attorney/Agent) **29234**

Signature

*David Kalmbaugh*

Date **JULY 25, 2003**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on  
the amount of time required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.  
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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 790.00

**Complete if Known**

Application Number	
Filing Date	
First Named Inventor	MARVIN L. RYKEN
Examiner Name	
Art Unit	
Attorney Docket No.	84894

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

50-0931

NAWCWD-Pt Mugu/China Lake

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	750
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$ 750.00

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

		Extra Claims		Fee from below		Fee Paid	
Total Claims	20	-20** =	0	x	18	=	0
Independent Claims	3	-3** =	0	x	84	=	0
Multiple Dependent						=	0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	1052 50	2052 25	Surcharge - late filing fee or oath	
1053 130	1053 130	1812 2,520	1812 2,520	Surcharge - late provisional filing fee or cover sheet	
1804 920*	1804 920*	1805 1,840*	1805 1,840*	Non-English specification	
1251 110	2251 55	1252 410	2252 205	For filing a request for <i>ex parte</i> reexamination	
1253 930	2253 465	1254 1,450	2254 725	Requesting publication of SIR prior to Examiner action	
1255 1,970	2255 985	1401 320	2401 160	Requesting publication of SIR after Examiner action	
1402 320	2402 160	1403 280	2403 140	Extension for reply within first month	
1451 1,510	1451 1,510	1452 110	2452 55	Extension for reply within second month	
1453 1,300	2453 650	1501 1,300	2501 650	Extension for reply within third month	
1502 470	2502 235	1503 630	2503 315	Extension for reply within fourth month	
1460 130	1460 130	1807 50	1807 50	Extension for reply within fifth month	
1806 180	1806 180	8021 40	8021 40	Notice of Appeal	
1809 750	2809 375	1810 750	2810 375	Filing a brief in support of an appeal	
1801 750	2801 375	1802 900	1802 900	Request for oral hearing	
1802 900	1802 900			Petition to institute a public use proceeding	
				Petition to revive - unavoidable	
				Petition to revive - unintentional	
				Utility issue fee (or reissue)	
				Design issue fee	
				Plant issue fee	
				Petitions to the Commissioner	
				Processing fee under 37 CFR 1.17(q)	
				Submission of Information Disclosure Stmt	
				Recording each patent assignment per property (times number of properties)	40.00
				Filing a submission after final rejection (37 CFR 1.129(a))	
				For each additional invention to be examined (37 CFR 1.129(b))	
				Request for Continued Examination (RCE)	
				Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00

**SUBMITTED BY**

Name (Print/Type)	DAVID S. KALMBAUGH	Registration No. (Attorney/Agent)	29234	Telephone	805-989-8266
Signature	<i>David S. Kalmbaugh</i>			Date	7/25/2003

(Complete if applicable)

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND T :

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